

# APPLIED MATHEMATICS AND COMPUTATION

## VOLUME 81

ZHONGZHI BAI AND YANGFENG SU On the Convergence of a Class of Parallel Decomposition-Type Relaxation Methods .....	1
S. PARHI AND G. NATH The Growth of Perturbations Associated with the Linear Stability of Inviscid Fluid Flows .....	23
D. J. HARTFIEL System Behavior in Quotient Systems .....	31
L. BRUGNANO AND D. TRIGIANTE Block Boundary Value Methods for Linear Hamiltonian Systems .....	49
V. LAKSHMIKANTHAM, A. K. MAULLOO, S. K. SEN, AND S. SIVASUNDARAM Solving Linear Programming Problems Exactly .....	69
G. ADOMIAN Non-Perturbative Solution of the Klein-Gordon-Zakharov Equation .....	89
G. ADOMIAN On the Dynamics of a Reaction-Diffusion System .....	93
B. HAN, M. L. ZHANG, AND J. Q. LIU A Widely Convergent Generalized Pulse-Spectrum Technique for the Coefficient Inverse Problem of Differential Equations .....	97
LUTHER W. WHITE, YING-JUN JIN, AND DANIEL J. O'MEARA Estimation of Discontinuous Elliptic Coefficients .....	113
LUTHER W. WHITE Resolution of Regularized Output Least Squares Estimation Procedures .....	139

(Continued)

JOHN P. BOYD	
Peakons and Coshoidal Waves: Traveling Wave Solutions of the Camassa-Holm Equation .....	173
N. S. ASAITHAMBI	
A Variable Time Step Galerkin Method for a One-Dimensional Stefan Problem .....	189
ARUN K. MITRA	
On a Geometry of the Flat Violin Boundary .....	201
CHA'O-KUANG CHEN, JIN-MU LIN, AND CHIEH-LI CHEN	
Error Bounds Estimate of Weighted Residuals Method Using Genetic Algorithms .....	207
TAKEHIRO INOHARA, SHINGO TAKAHASHI, AND BUNPEI NAKANO	
Impossibility of Deception in a Conflict Among Subjects with Interdependent Preference .....	221
JENS CHR. LARSEN	
Stable Chemical Systems .....	245
N. S. ASAITHAMBI	
A Numerical Method for the Solution of the Falkner-Skan Equation .....	259
ABDUL-MAJID WAZWAZ	
Necessary Conditions for the Appearance of Noise Terms in Decomposition Solution Series .....	265
L. E. GAREY, C. J. GLADWIN, AND R. E. SHAW	
Unconditionally Stable Methods for Second-Order Fredholm Integro-Differential Equations .....	275
MING-PO CHEN AND H. M. SRIVASTAVA	
Fractional Calculus Operators and their Applications Involving Power Functions and Summation of Series .....	287
VOLUME CONTENTS	

